

# **Notice of Allowability**

Application No.

10/774,190

Examiner

Ghassem Alie

Applicant(s)

TRIPARD, JASON E.

Art Unit

3724

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/02/05.
2. ☒ The allowed claim(s) is/are 3-6 and 9-12.
3. ☒ The drawings filed on 05 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## **Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

***Terminal Disclaimer***

1. The terminal disclaimer filed on 11/01/04 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of U.S. Patent Nos. 6,718,858 and 6,508,154 has been reviewed and accepted. Therefore, The nonstatutory double patenting rejection of claims 3-6 and 9-12 over claims of U.S. Patent No. 6,718,858 and 6,508,154 is withdrawn.

It has been erroneously stated in the previous Office Action mailed on 01/10/05 that the attorney David G. Latwesen (Reg. No. 38,533) is not of record and he is not authorized to sign a terminal disclaimer. However, a power of attorney filed in the grandparent application (09/176,479) has included David G. Latwesen among a list of appointed practitioners. Therefore, the terminal disclaimer filed on 11/01/04 has been accepted.

***Reasons for Allowance***

2. The following is an examiner's statement of reasons for allowance: The claims are allowable because prior art fails to teach that the support includes an upper surface and a plurality of holes extending therethrough and the plurality of pins being configured to extend through ones of the plurality of holes as set forth in claims 3 and 9. The prior art also fails to teach that the planar surface of the first and second lift members being substantially flush with the planar surface of the base as set forth in claims 6 and 12.

Regarding claims 3, 6, 9, Paradia et al. (6,6146,504), hereinafter Paradia, teaches an integrated package separator including a base and a support over the base and first and second lift members configured to vertically displaced the support and lift the support off the base by contacting the support.

Paradia in view of Lodewegen et al. (5,765,337), hereinafter Lodewegen, Teaches everything noted above including that the lifting member are connected to a pair of pneumatic actuators including release valves configured to equilibrate a back-pressure of each of the pneumatic actuators to ambient during lifting of the support.

Paradia in view of Lodewegen and Applicant Admitted Prior Art (Fig. 1), hereinafter AAPA, teaches everything noted above including a cutting mechanism configured to cut the board while the board is over the upper surface of the support to separate the integrated circuit package from one another.

However, Paradia in view of Lodewegen and AAPA fails to teach that the support includes an upper surface and a plurality of holes extending therethrough and the plurality of pins being configured to extend through ones of the plurality of holes as set forth in claims 3 and 9. Paradia in view of Lodewegen and AAPA also fails to teach that the planar surface of the first and second lift members being substantially flush with the planar surface of the base as set forth in claims 6 and 12.

None of these references by themselves or in combination with the other prior art cited teach the claimed invention set forth in claims 3, 6, 9, and 12.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ghassem Alie whose telephone number is (571) 272-4501. The examiner can normally be reached on Mon-Fri 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan Shoap can be reached on (571) 272-4514. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, SEE <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (too-free).



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March 24, 2005